

IN THE CLAIMS

Claims 1-39 (cancelled)

1 Claim 40: (currently amended) A telephone call and voice call/~~voice~~ processing system
2 comprising:

3 circuitry adaptable for coupling the system to an analog telephone extension,
4 wherein the analog telephone extension includes a display operable for displaying
5 alphanumeric information, and wherein the analog telephone extension includes a first
6 caller ID modem;

7 circuitry for creating and storing a message associated with the analog telephone
8 extension;

9 a second caller ID modem coupled to the circuitry adaptable for coupling the
10 system to the analog telephone extension;

11 circuitry for retrieving the message from the storing circuitry to the second caller
12 ID modem;

13 circuitry for sending the message from the second caller ID modem to the first
14 caller ID modem; and

15 circuitry for displaying the message on the display,
16 wherein the message does not include a phone number and an identity of a calling
17 party.

1 Claim 41: (original) The system as recited in claim 40, wherein retrieval and sending of
2 the message to the first caller ID modem is performed in response to receipt of an
3 incoming call to the system intended for the analog telephone extension.

1 Claim 42: (original) The system as recited in claim 41, wherein the message is sent to
2 the first caller ID modem while the analog telephone extension is being rung by the
3 system.

Claim 43: (cancelled)

1 Claim 44: (original) The system as recited in claim 42, further comprising:
2 circuitry for coupling the system to a public switched telephone network; and
3 circuitry for receiving the incoming call from the public switched telephone
4 network.

1 Claim 45: (original) The system as recited in claim 42, further comprising:
2 switching circuitry adaptable for receiving the incoming call, wherein the
3 switching circuitry is adaptable for connecting the incoming call to the analog telephone
4 extension; and
5 voice processing circuitry adaptable for automatically interacting with the
6 incoming call, wherein the switching circuitry and the voice processing circuitry are
7 controlled by a single processing means in the system.

1 Claim 46: (original) The system as recited in claim 45, wherein the voice processing
2 circuitry further comprises a signal processing circuitry coupled to the single processing
3 means.

1 Claim 47: (original) The system as recited in claim 46, wherein the switching circuitry
2 further comprises a digital cross-point matrix coupled to the single processing means and
3 to the signal processing circuitry.

1 Claim 48: (original) The system as recited in claim 45, wherein the single processing
2 means is controlled by a single set of software operable for controlling both the switching
3 circuitry and the voice processing circuitry.

1 Claim 49: (currently amended) In a telephone call and voice ~~call/voice~~ processing
2 system, a method comprising the steps of:

3 creating and storing a message associated with an analog telephone extension
4 coupled to the system, wherein the analog telephone extension includes a display
5 operable for displaying alphanumeric information, and wherein the analog telephone
6 extension includes a first caller ID modem;

7 retrieving the message to a second caller ID modem in said system; and
8 sending the message from the second caller ID modem to the first caller ID
9 modem,

10 wherein the message does not include a phone number and an identity of a calling
11 party.

1 Claim 50: (original) The method as recited in claim 49, further comprising the step of:
2 displaying the message on the display.

1 Claim 51: (original) The method as recited in claim 50, wherein the retrieving and
2 sending steps are performed in response to receipt of an incoming call to the system
3 intended for the analog telephone extension.

1 Claim 52: (previously presented) The method as recited in claim 51, wherein the
2 sending step includes a step of ringing the analog telephone extension in response to the
3 receipt of the incoming call.

Claim 53: (cancelled)

1 Claim 54: (original) The method as recited in claim 52, wherein the incoming call is
2 received from a public switched telephone network coupled to the system.

1 Claim 55: (previously presented) A method comprising the steps of:
2 formulating a message that does not include one or both of a phone number and
3 an identity of a calling party; and
4 transmitting between first and second caller ID modems the message.

Claim 56: (cancelled)

1 Claim 57: (previously presented) The method as recited in claim 55, wherein the
2 transmitting step further comprises the steps of:
3 retrieving the message by the first caller ID modem;
4 in the first caller ID modem, converting the message into tones;
5 transmitting the tones to the second caller ID modem; and
6 in the second caller ID modem, converting the tones back into the message.

1 Claim 58: (original) The method as recited in claim 57, further comprising the steps of:
2 delivering the message from the second caller ID modem to a display circuit in a
3 telephone unit; and
4 displaying the message.

1 Claim 59: (original) The method as recited in claim 58, wherein the transmitting step is
2 performed in response to receipt of an incoming call intended for the telephone unit, and
3 wherein the transmitting step is performed in conjunction with connecting the incoming
4 call to the telephone unit.

Claim 60: (cancelled)

1 Claim 61: (currently amended) A telephone call and voice ~~call/voice~~ processing system
2 comprising:

3 circuitry adaptable for coupling the system to an analog telephone extension,
4 wherein the analog telephone extension includes a display operable for displaying
5 alphanumeric information, and wherein the analog telephone extension includes a first
6 caller ID modem;

7 circuitry for creating and storing a message associated with the analog telephone
8 extension;

9 a second caller ID modem coupled to the circuitry adaptable for coupling the
10 system to the analog telephone extension;

11 circuitry for retrieving the message from the storing circuitry to the second caller
12 ID modem;

13 circuitry for sending the message from the second caller ID modem to the first
14 caller ID modem; and

15 circuitry for displaying the message on the display,

16 wherein the message does not include either a phone number or an identity of a
17 calling party.

1 Claim 62: (currently amended) In a telephone call and voice ~~call/voice~~ processing
2 system, a method comprising the steps of:

1 creating and storing a message associated with an analog telephone extension
2 coupled to the system, wherein the analog telephone extension includes a display
3 operable for displaying alphanumeric information, and wherein the analog telephone
4 extension includes a first caller ID modem;
5 retrieving the message to a second caller ID modem in said system; and
6 sending the message from the second caller ID modem to the first caller ID
7 modem,
8 wherein the message does not include either a phone number or an identity of a
9 calling party.